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2002/11/12

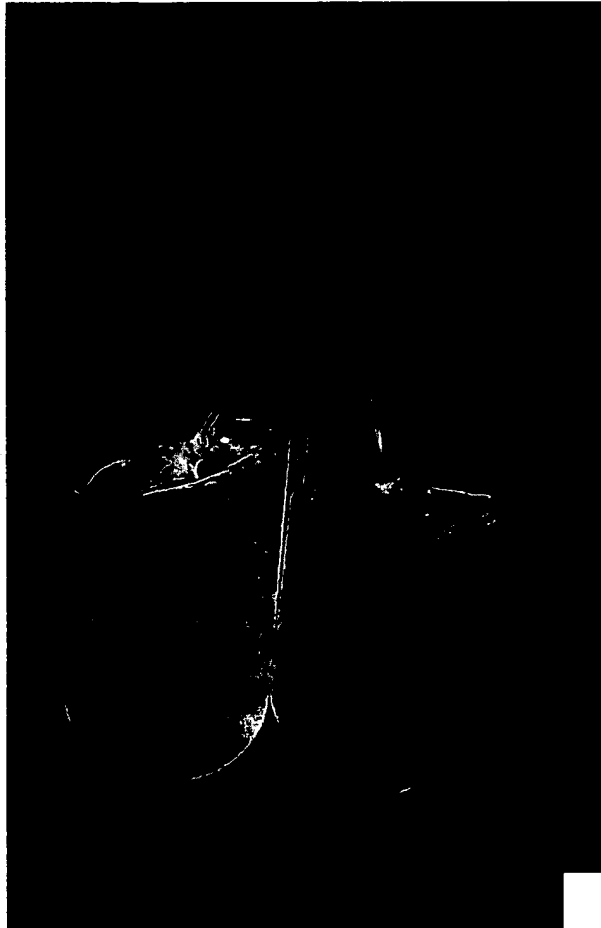
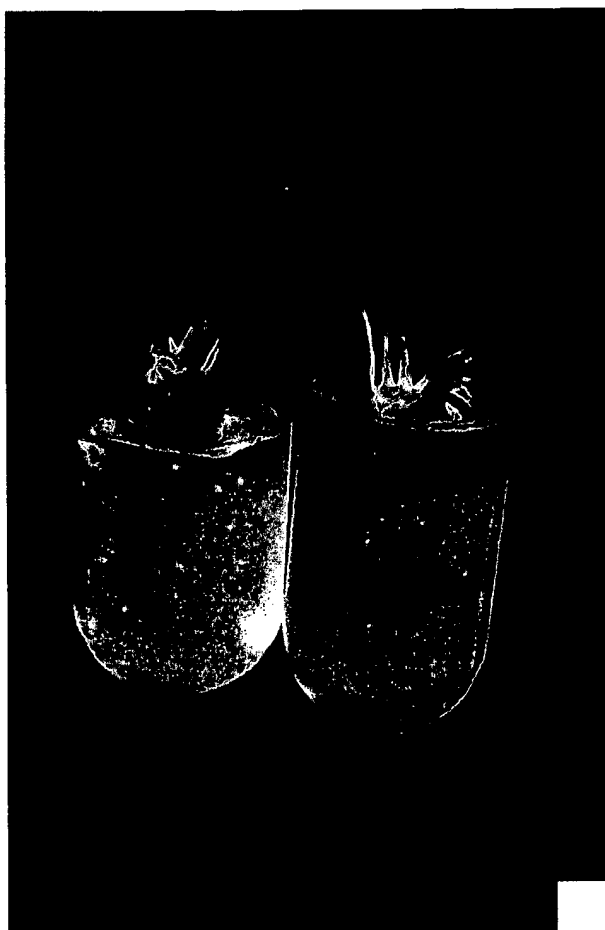


FIG.1





**Table 1.** Mean values of the variables measured during the three trials. The mean values are expressed as mean ± SD

	Pre-trial	Trial 1	Trial 2	Trial 3
Age (years)	26.7 ± 0.8	26.9 ± 0.8	26.9 ± 0.8	26.9 ± 0.8
Height (cm)	178.2 ± 5.1	178.2 ± 5.1	178.2 ± 5.1	178.2 ± 5.1
Weight (kg)	72.5 ± 10.2	72.5 ± 10.2	72.5 ± 10.2	72.5 ± 10.2
Heart rate (beats min <sup>-1</sup> )	145.2 ± 12.1	145.2 ± 12.1	145.2 ± 12.1	145.2 ± 12.1
Systolic blood pressure (mmHg)	120.5 ± 10.3	120.5 ± 10.3	120.5 ± 10.3	120.5 ± 10.3
Diastolic blood pressure (mmHg)	75.2 ± 8.1	75.2 ± 8.1	75.2 ± 8.1	75.2 ± 8.1
Stroke volume (L min <sup>-1</sup> )	10.2 ± 1.5	10.2 ± 1.5	10.2 ± 1.5	10.2 ± 1.5
Cardiac output (L min <sup>-1</sup> )	10.2 ± 1.5	10.2 ± 1.5	10.2 ± 1.5	10.2 ± 1.5
Mean arterial pressure (mmHg)	93.5 ± 7.2	93.5 ± 7.2	93.5 ± 7.2	93.5 ± 7.2
Respiratory rate (breaths min <sup>-1</sup> )	18.2 ± 2.1	18.2 ± 2.1	18.2 ± 2.1	18.2 ± 2.1
Oxygen consumption (L min <sup>-1</sup> )	2.5 ± 0.3	2.5 ± 0.3	2.5 ± 0.3	2.5 ± 0.3
Energy expenditure (kcal min <sup>-1</sup> )	1.2 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	1.2 ± 0.2
Lactate concentration (mmol L <sup>-1</sup> )	1.2 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	1.2 ± 0.2
Blood glucose concentration (mg dL <sup>-1</sup> )	85.2 ± 10.3	85.2 ± 10.3	85.2 ± 10.3	85.2 ± 10.3
Time to exhaustion (min)	120.5 ± 10.3	120.5 ± 10.3	120.5 ± 10.3	120.5 ± 10.3

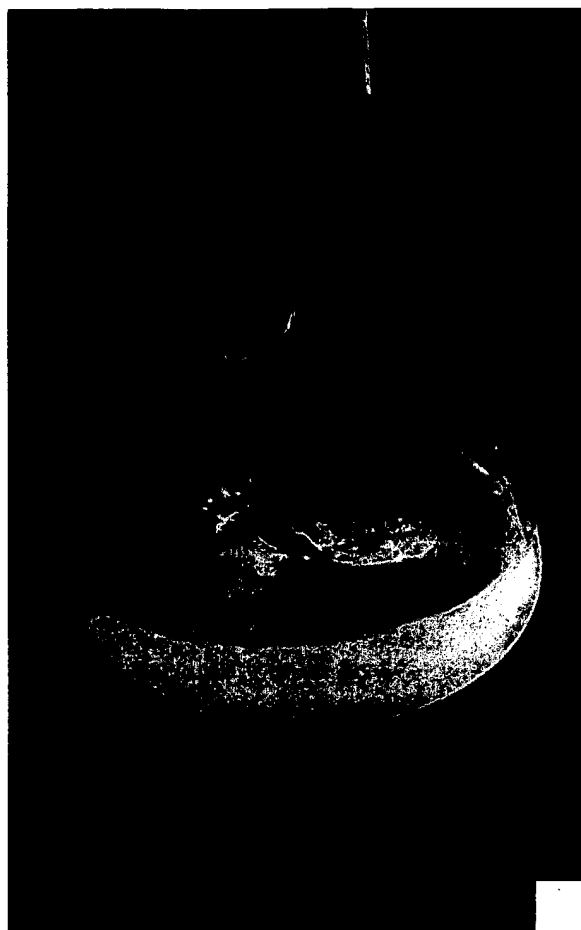


FIG.4

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FIG.5

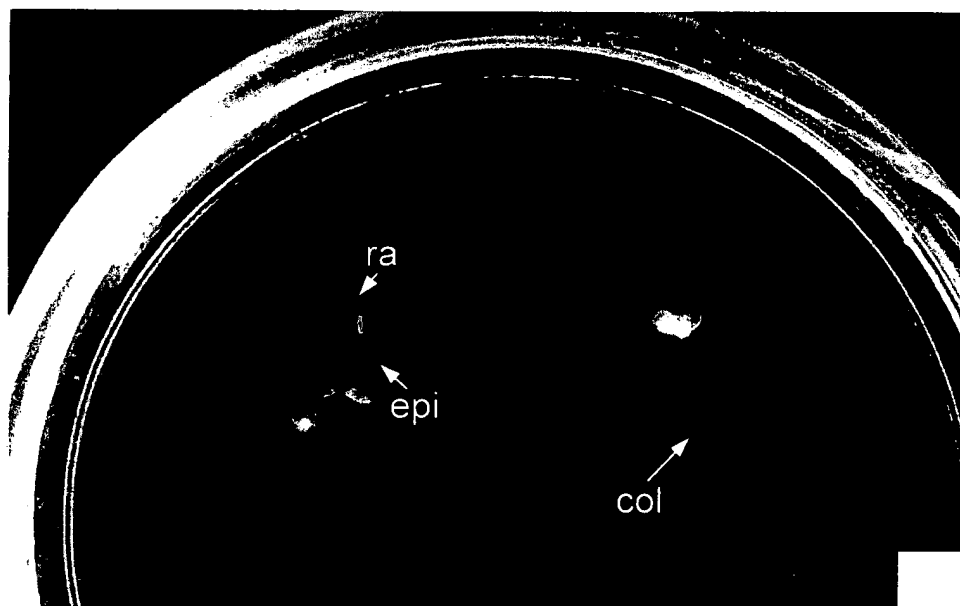


FIG.6



FIG.7



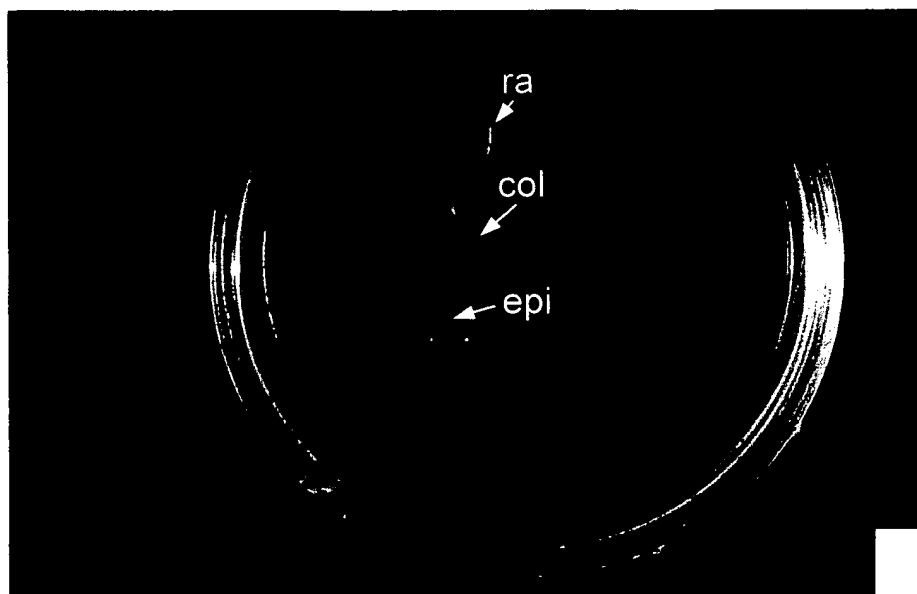


FIG.8